

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
CAL
19-LANC.V,
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Edwards Air Force Base, South Base Sled Track
(Building 0500)
Edwards Air Force Base
North of Avenue B between 100th and 140th Streets East
Lancaster Vicinity
Los Angeles County
California

HAER No. CA-234

David G. De Vries, photographer

October 1997 - January 1998

Note: Photographs CA-234-1 through CA-234-19 are 8" x 10" enlargements from 4" x 5" negatives.

- CA-234-1 OVERALL VIEW OF STATION "0" AREA SHOWING FIRING CONTROL BLOCKHOUSE (BLDG. 0545) AT LEFT, LAUNCH PAD AT RIGHT, AND AN OBSERVATION BLOCKHOUSE AT FAR RIGHT. Looking southwest from the protective berm barricade east northeast of launch pad.
- CA-234-2 PROTECTIVE BERM SURROUNDING LAUNCH AREA AT EAST END OF TRACK. WATER PUMP STATION 0540 AT FAR RIGHT. Looking from northeast of Station "0".
- CA-234-3 LAUNCHING PAD AT STATION "0", EAST END OF 20,000-FOOT TRACK, SHOWING WATER TOWER (BLDG. 0516) AT UPPER RIGHT. Looking to the west.
- CA-234-4 DETAIL, LAUNCHING PAD CONCRETE WORK, Looking west to water tank at Station "50" area.
- CA-234-5 CURB AND SUBTERRANEAN VAULT AT LAUNCH PAD, ALSO SHOWING CABLE TUNNEL STAIRWELL AT FAR LEFT.
- CA-234-6 ANCHOR FIXTURES AT STATION "0", EAST END, LAUNCHING PAD.
- CA-234-7 DETAIL, ANCHOR FIXTURES. Looking to north.
- CA-234-8 VIEW OF TRACK. Looking east northeast toward Haystack Butte from near Bldg. 0512 in Station "50".

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- CA-234-9 SLED TRACK. Looking east northeast from sled track terminus at west end of 20,000-foot track.
- CA-234-10 CONCRETE RAMP AT WEST END OF TRACK. Looking to east southeast.
- CA-234-11 STATION "0" ELECTRICAL SUBSTATION SITE AT EAST END OF TRACK. Looking north from top of berm to Fire Station No. 3 (Survival School, Building 0510).
- CA-234-12 FOOTINGS AND MACHINERY AT FUEL STORAGE AREA JUST NORTH OF EAST END, STATION "0". Looking north.
- CA-234-13 EAST END BENCHMARK (NEAR SIGN AT LOWER LEFT), STAIRWELL TO CABLE TUNNEL AT FAR RIGHT. Looking northwest past protective berm to the Fire Station (Survival School) in the far distance.
- CA-234-14 ELEVATED CAMERA STAND IN FOREGROUND, FIRING CONTROL BLOCKHOUSE (BLDG. 0545) IN CENTER, AIR SUPPLY BUILDING AND PROTECTIVE BERM IN BACKGROUND. Looking north northeast from Camera Road.
- CA-234-15 ELEVATED CAMERA STAND, SHOWING LINE OF CAMERA STANDS PARALLEL TO SLED TRACK. Looking west southwest down Camera Road.
- CA-234-16 METRIC CAMERA STAND NEAR WEST END OF TRACK. Looking northwest.
- CA-234-17 LINE OF 12-FOOT CAMERA TOWERS WITH VIEWING PLATFORMS. Looking west from near Station "50".
- CA-234-18 EASTERNMOST 12-FOOT CAMERA TOWER. Looking northeast.
- CA-234-19 MUELLER FIRE HYDRANT NEAR LAUNCHING PAD IN STATION "0".

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Note: Photographs CA-234-20 through CA-234-25 are 8" x 10" enlargements from 4" x 5" negatives. These views are photocopies of recent resin coated prints made from prints held at the Main Base History Office, Edwards Air Force Base, California. Photographers unknown. Dates and file numbers unknown except where indicated.

CA-234-20	HIGH OBLIQUE AERIAL VIEW OF 10,000-FOOT HIGH SPEED TRACK, LOOKING TO SOUTHEAST. THE FIRING CONTROL BUILDING (BUILDING 0502) CAN BE SEEN NEAR THE TRACK AT LOWER RIGHT. (See also HAER NO. CA-234-G).
CA-234-21	CONSTRUCTION CRANE LAYING SECTIONS OF TRACK RAIL FOR ORIGINAL 10,000-FOOT TRACK.
CA-234-22	CONVAIR TEST VEHICLE BEGINNING A RUN ON 10,000-FOOT TRACK.
CA-234-23	"G-AFFTC 20 APR 60, H-6-5A F-106A; ESCAPE SYSTEM RUN 5A." Testing the ejection system on a Convair sled.
CA-234-24	"G-AFFTC 29 SEP 60, F-106B STATIC TEST 1." Test of the Convair sled escape system at static test site east of Station "50". File no. 11,988-60.
CA-234-25	"G-AFFTC 19 OCT 60, BLAST EFFECTS ON AIRFOILS, STATIC RUN 5." View of track rail mounting and the water brake trough at 20,000-foot track. Looking northeast. File no. 12,358-60.

Note: Photographs CA-234-26 through CA-234-30 are 8" x 10" enlargements from 4" x 5" copy negatives of recent 8.5" x 11" photomechanical transfers. The transfers were created from 105 mm microfilms held at the Main Base Civil Engineering Office, Edwards Air Force Base, California. The original drawings were made by Holmes and Narver, Inc., Engineers, 828 South Figueroa St., Los Angeles 17, California, for the Corps of Engineers, US Army, Office of the District Engineer, Los Angeles, California." The common drawing headers in all the title blocks (except CA-234-26) are "Special Test Track Facilities; Edwards Air Force Base; Edwards, California." followed by the specific titles given below in the captions. All drawings were approved for the District by H. W. Thompson in February, 1957.

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- CA-234-26 "AIR INSTALLATIONS; EDWARDS AIR FORCE BASE, CALIFORNIA;
HIGH SPEED TEST TRACK." Drawing No. 10-259. One inch
to 400 feet plan of original 10,000-foot sled track.
No date. No D.O. series number. No headings as above.
- CA-234-27 "SITE PLAN." Specifications No. OC1-57-75, Drawing No.
AF-60-09-15, sheet 1 of 96, D.O. Series No. AF 1394/20,
Rev. B. Stamped: RECORD DRAWING - AS CONSTRUCTED.
Below stamp: Contract no. 5296 Rev. B, Date: 11/17/59.
Site plan of 20,000-foot track, including construction
phasing notes.
- CA-234-28 "CONSTRUCTION PHASING, STATION '0' AREA."
Specifications No. OC1-57-75, Drawing No. AF-45-02-19,
sheet 3 of 5, D.O. Series No. AF 1439/25, Rev. B.
Stamped: RECORD DRAWING - AS CONSTRUCTED. Below stamp:
Contract no. 5296 Rev. B, Date: 11/13/59.
- CA-234-29 "TEST TRACK, STATION '0' THROUGH '200' AREA."
Specifications No. ENG-OC-1-57-75, Drawing No. AF-60-
09-15, sheet 53 of 96, D.O. Series No. AF 1394/73, Rev.
C. Stamped: RECORD DRAWING - AS CONSTRUCTED. Below
stamp: Contract no. 5296 Rev. C, Date: 19 NOV 59.
Drawing includes plan, section, and details of track.
- CA-234-30 "CONSTRUCTION PHASING, STATION '50' AREA."
Specifications No. ENG-04-353-57-75, Drawing No. AF-45-
02-19, sheet 4 of 5, D.O. Series No. AF 1439/26.
Stamped: RECORD DRAWING - AS CONSTRUCTED. Below stamp:
Contract no. 5296, Date: 10 NOV. 59.
- Note: Photograph CA-234-31 is an 8" x 10" contact print from a copy
negative of "Figure 3-10. Track layout (Edwards)" from the Istracom Corp.
book, *Rocket Sled Design Handbook*, January, 1960, held by Mr. Charles
Engram, Lancaster, California.
- CA-234-31 "FIGURE 3-10, TRACK LAYOUT (EDWARDS)". Test track
footing and rail head cross sections.